Lai SEQ SEQUENCE LISTING

<110> Lai, Alexander	Lai, Alexander				
DNA Vaccine Expressing HA1 of Equine-2 Influenza Virus					
x130> 57657/04-265					
<150> US 60/470,843 <151> 2003-05-15					
<160> 1					
<170> PatentIn version 3.2	> PatentIn version 3.2				
<210> 1 <211> 1061 <212> DNA <213> A/Eq/Kentucky/98					
<400> 1 agcaaaagca ggggatattt ctgtcaatca tgaagacaac cattattttg atactactga	60				
cccattgggt ctacagtcaa aacccaacca gtggaaacaa cacagccaca ttatgtctgg	120				
gacaccatgc agtagcaaat ggaacattgg taaaaacaat aactgatgac caaattgagg	180				
tgacaaatgc tactgaatta gttcagagca tttcaatagg gaaaatatgc aacaactcat	240				
ataaagttct agatggaaga aattgcacat taatagatgc aatgctagga gacccccact	300				
gtgatgtctt ccagtatgag aattgggacc tcttcataga aagaagcagc gctttcagca	360				
attgctaccc atatgacatc cctgactatg catcgctccg gtccattgta gcatcctcag	420				
gaacattaga attcacagca gagggattca catggacagg tgtcactcaa aacggaagaa	480				
gtggagcctg caaaagggga tcagccgata gtttctttag ccgactgaat tggctaacaa	540				
aatctggaaa ctcttacccc acattgaatg tgacaatgcc taacaataaa aatttcgaca	600				
aactatacat ctgggggatt catcacccga gctcaaacca acagcagaca gaattgtaca	660				
tccaagaatc aggacgagta acagtctcaa caaaaagaag tcaacaaacg atagtcccta	720				
atatcggatc tagaccgtgg gttaggggtc aatcaggcag gataagcata tactggacca	780				
ttgtaaaacc tggagatatc ctaatgataa acagtaatgg caacttagtt gcaccgcggg	840				
gatattttaa attgaaaaca gggaaaagct ctgtaatgag atcagatgca cccatagaca	900				
tttgtgtgtc tgaatgtatt acaccaaatg gaagcatccc caacgacaaa ccatttcaaa	960				
atgtgaacaa agttacatat ggaaaatgcc ccaagtatat caggcaaaac actttaaagc	1020				
tggccactgg gatgaggaat ataccagaaa agcaaatcag a	1061				
	•				

<210> 2 <211> 12 <212> DNA <213> Artificial

	Lä	ai SEQ	
<220> <223>	oligonucleotide primer		
<400> agcaaa	2 agca gg		12
<210> <211> <212> <213>	3 21 DNA Artificial	-	
<220> <223>	oligonucleotide primer		
<400> catgaa	3 gaca accattattt t		21
<210> <211> <212> <213>	4 20 DNA Artificial		
<220> <223>	oligonucleotide primer		
<400> tctgat	4 ttgc ttttctggta		20
<210> <211> <212> <213>	5 23 DNA Artificial		
<220> <223>	oligonucleotide primer		
<400> tcatct	5 gatt tgcttttctg gta		23